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Atty Dkt No. 0150-0005
PATENT

April 22, 2002

4/22/02
Date

Margaret K. Koppig
Signature

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

David J. MILLER et al.

Serial No.: 10/014,741

Filing Date: December 10, 2001

Group Art Unit: 3763

Examiner: Unassigned

Title: METHOD FOR INCREASING THE BATTERY LIFE OF AN ALTERNATING
CURRENT IONTOPHORESIS DEVICE USING A BARRIER-MODIFYING AGENT

INFORMATION DISCLOSURE STATEMENT

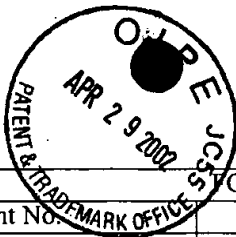
Commissioner for Patents
Washington, DC 20231

Sir:

This is an Information Disclosure Statement submitted for the Examiner's consideration. Applicants respectfully request that the Examiner review and make of record the references identified below.

PTO-1449 forms listing the references accompany this paper. Applicants would appreciate the Examiner's initialing and returning the form to indicate that the references have been reviewed and made of record. The references are as follows:

U.S. PATENT DOCUMENTS		
Document No.	Issue Date or Publication Date	Name of Patentee or Applicant
4,304,866	12/8/81	Green et al.
4,458,678	7/10/84	Yannas et al.
4,485,096	11/27/84	Bell
4,722,726	2/2/88	Sanderson et al.
5,246,418	9/21/93	Haynes et al.
5,527,797	6/18/96	Eisenberg et al.
5,668,170	9/16/97	Gyory
5,674,871	10/7/97	Mesens et al.
5,861,439	1/19/99	Gyory et al.
5,883,135	3/16/99	Gyory et al.
5,985,316	11/16/99	Gyory et al.
5,990,179	11/23/99	Gyory et al.
6,083,190	7/4/00	Gyory et al.
6,190,315	2/20/01	Kost et al.



Atty Dkt No. 0150-0005
Serial No. 10/014,741

FOREIGN PATENT DOCUMENTS		
Document No.	Publication Date	Country
✓ WO 01/60448	8/23/01	PCT
✓ WO 01/60449	8/23/01	PCT


NONPATENT DOCUMENTS	
✓	Algom et al. (1987), "Pain Combines Additively Across Different Sensor Systems: A Further Support for the Function Theory of Pain," <i>Perceptual and Motor Skills</i> 65:619-625.
✓	Anigbogu et al. (2000), "An <i>In Vivo</i> Investigation of the Rabbit Skin Responses to Transdermal Iontophoresis," <i>International Journal of Pharmaceutics</i> 200:195-206.
✓	Mitragotri (2000), "Synergistic Effect of Enhancers for Transdermal Drug Delivery," <i>Pharmaceutical Research</i> 17(11):1354-1359.
✓	Oh et al. (1998), "Enhanced Transdermal Delivery of AZT (Zidovudine) Using Iontophoresis and Penetration Enhancer," <i>Journal of Controlled Release</i> 51:161-168.
✓	Solsky (1988), "Ion-Selective Electrodes," <i>Analytical Chemistry</i> 60(12):106R-113R.
✓	Tyle (1986), "Iontophoretic Devices for Drug Delivery," <i>Pharmaceutical Research</i> 3(6):318-326.

This Information Disclosure Statement is not intended as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that any of the above references constitutes prior art to the present application within the meaning of 35 USC § 102.

As applicants have not yet received a first Action on the merits, no fee is required for filing this Information Disclosure Statement. If, however, the PTO finds that for some reason a fee is found to be necessary, our Deposit Account No. 18-0580 may be charged therefor.

Respectfully submitted,

By:



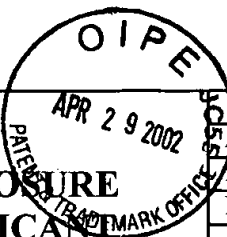
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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)



Complete if Known

Application Number	10/014,741
Filing Date	December 10, 2001
First Named Inventor	David J. MILLER et al.
Art Unit	3763
Examiner Name	Unassigned
Attorney Docket Number	0150-0005

Sheet 1 of 1

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document No.	Issue Date or Publication Date	Name of Patentee or Applicant of Cited Document	Class	Subclass	Filing Date if Appropriate
	AA	4,304,866	12/8/81	Green et al.			
	AB	4,458,678	7/10/84	Yannas et al.			
	AC	4,485,096	11/27/84	Bell			
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	AE	5,246,418	9/21/93	Haynes et al.			
	AF	5,527,797	6/18/96	Eisenberg et al.			
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	AK	5,985,316	11/16/99	Gyory et al.			
	AL	5,990,179	11/23/99	Gyory et al.			
	AM	6,083,190	7/4/00	Gyory et al.			
	AN	6,190,315	2/20/01	Kost et al.			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document No.	Publication Date	Country	Class	Subclass	T
	AO	WO 01/60448 /	8/23/01	PCT			
	AP	WO 01/60449 /	8/23/01	PCT			

OTHER DOCUMENTS — NONPATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), Title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
	AQ	Algom et al. (1987), "Pain Combines Additively Across Different Sensor Systems: A Further Support for the Function Theory of Pain," <i>Perceptual and Motor Skills</i> 65:619-625.	
	AR	Anigbogu et al. (2000), "An <i>In Vivo</i> Investigation of the Rabbit Skin Responses to Transdermal Iontophoresis," <i>International Journal of Pharmaceutics</i> 200:195-206.	
	AS	Mitragotri (2000), "Synergistic Effect of Enhancers for Transdermal Drug Delivery," <i>Pharmaceutical Research</i> 17(11):1354-1359.	
	AT	Oh et al. (1998), "Enhanced Transdermal Delivery of AZT (Zidovudine) Using Iontophoresis and Penetration Enhancer," <i>Journal of Controlled Release</i> 51:161-168.	
	AU	Solsky (1988), "Ion-Selective Electrodes," <i>Analytical Chemistry</i> 60(12):106R-113R.	
	AV	Tyle (1986), "Iontophoretic Devices for Drug Delivery," <i>Pharmaceutical Research</i> 3(6):318-326.	

Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.